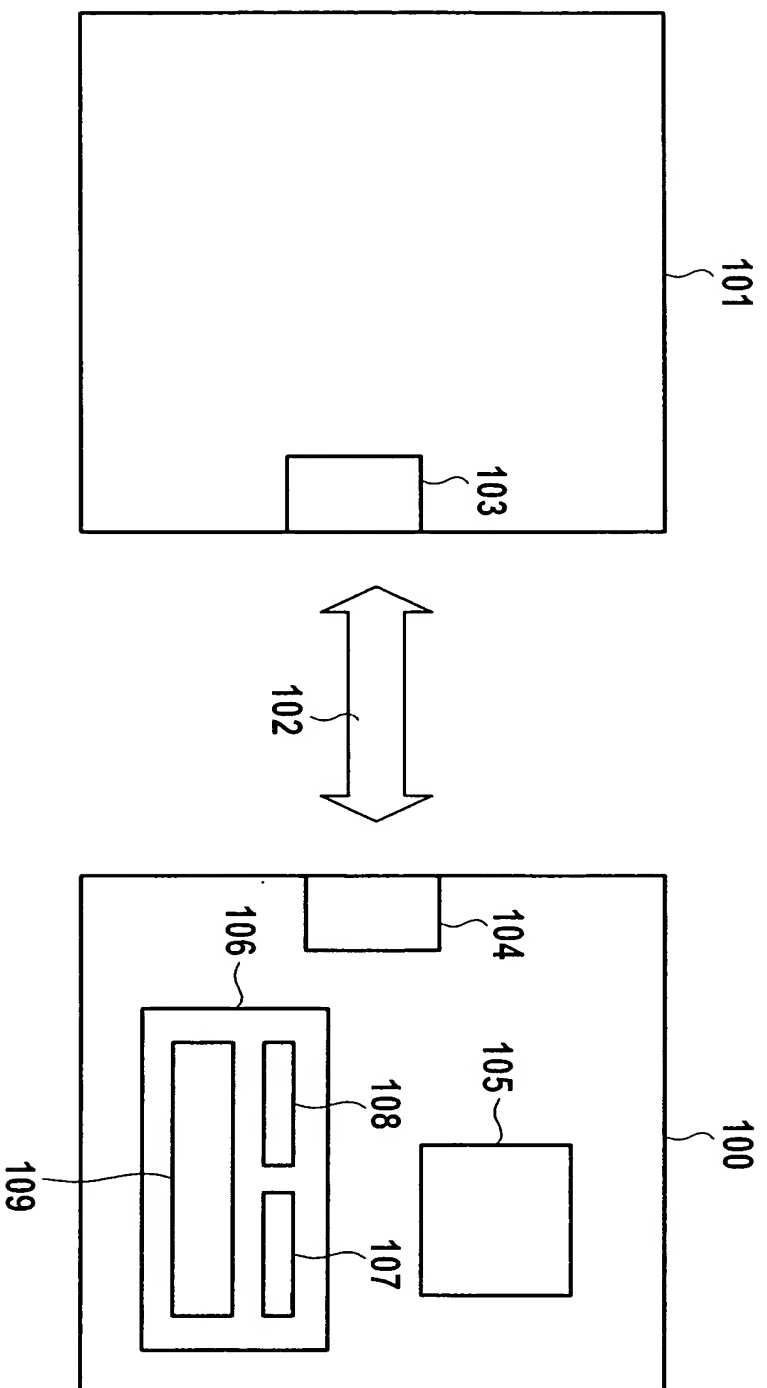


Fig. 1



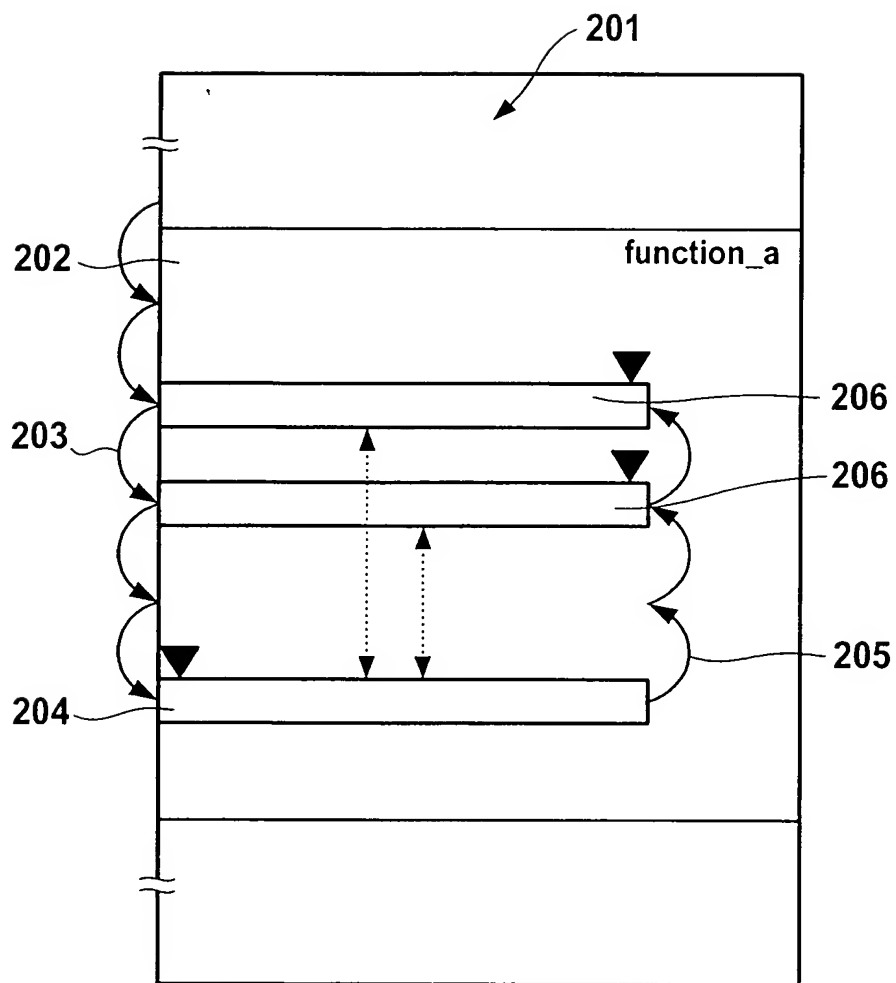


Fig. 2

Trigger condition
for determining
store instructions

Fig. 3

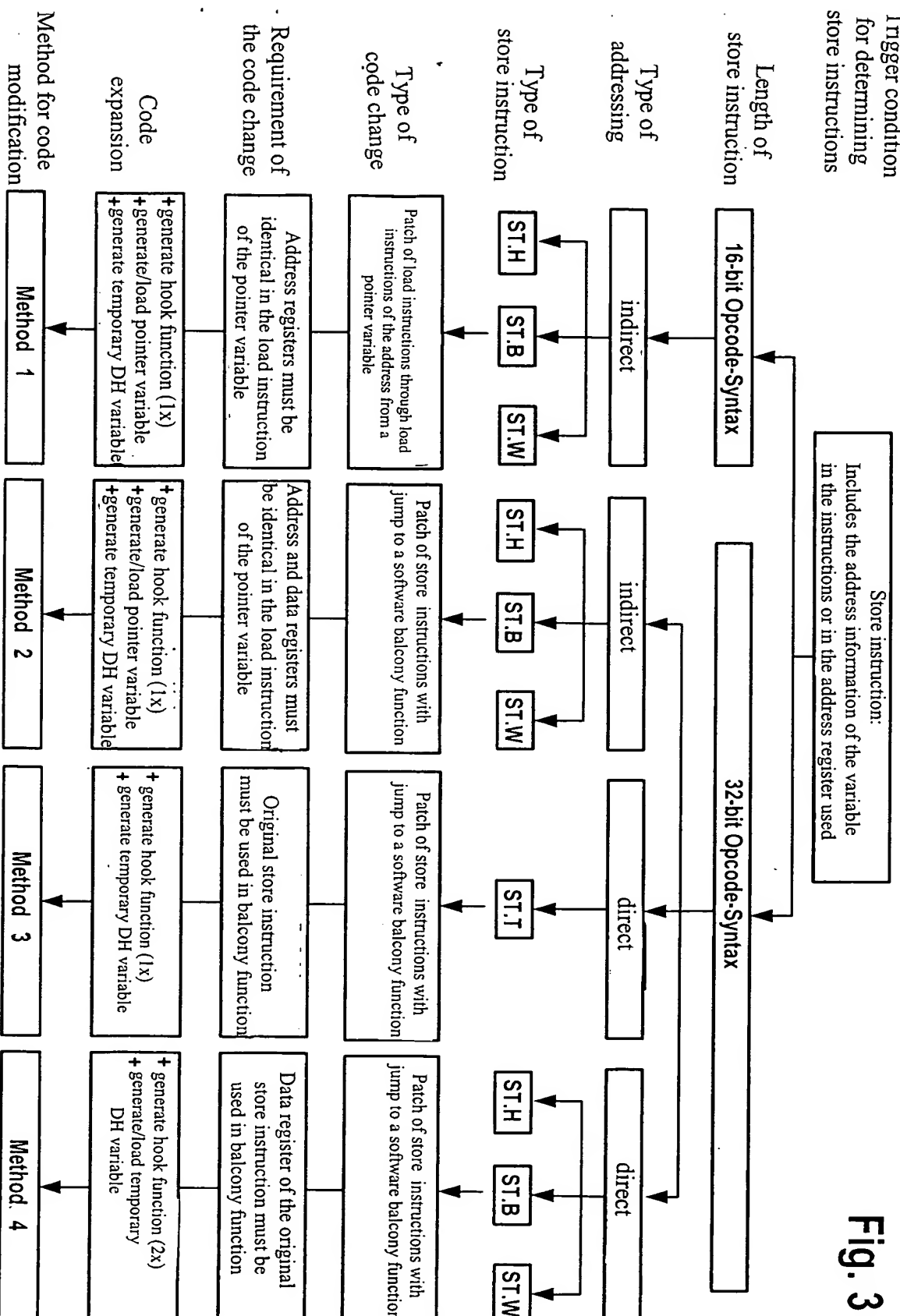


Fig. 4

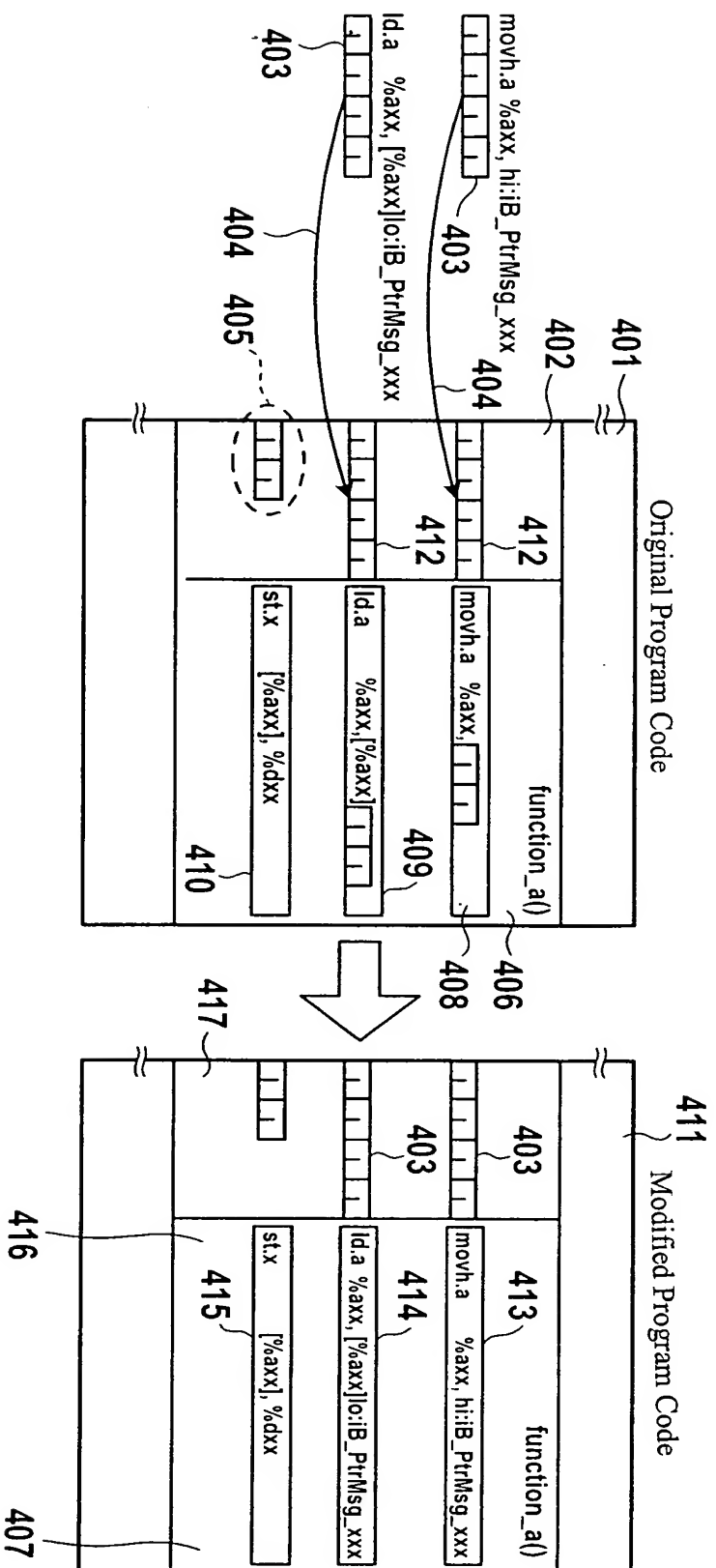


Fig. 5

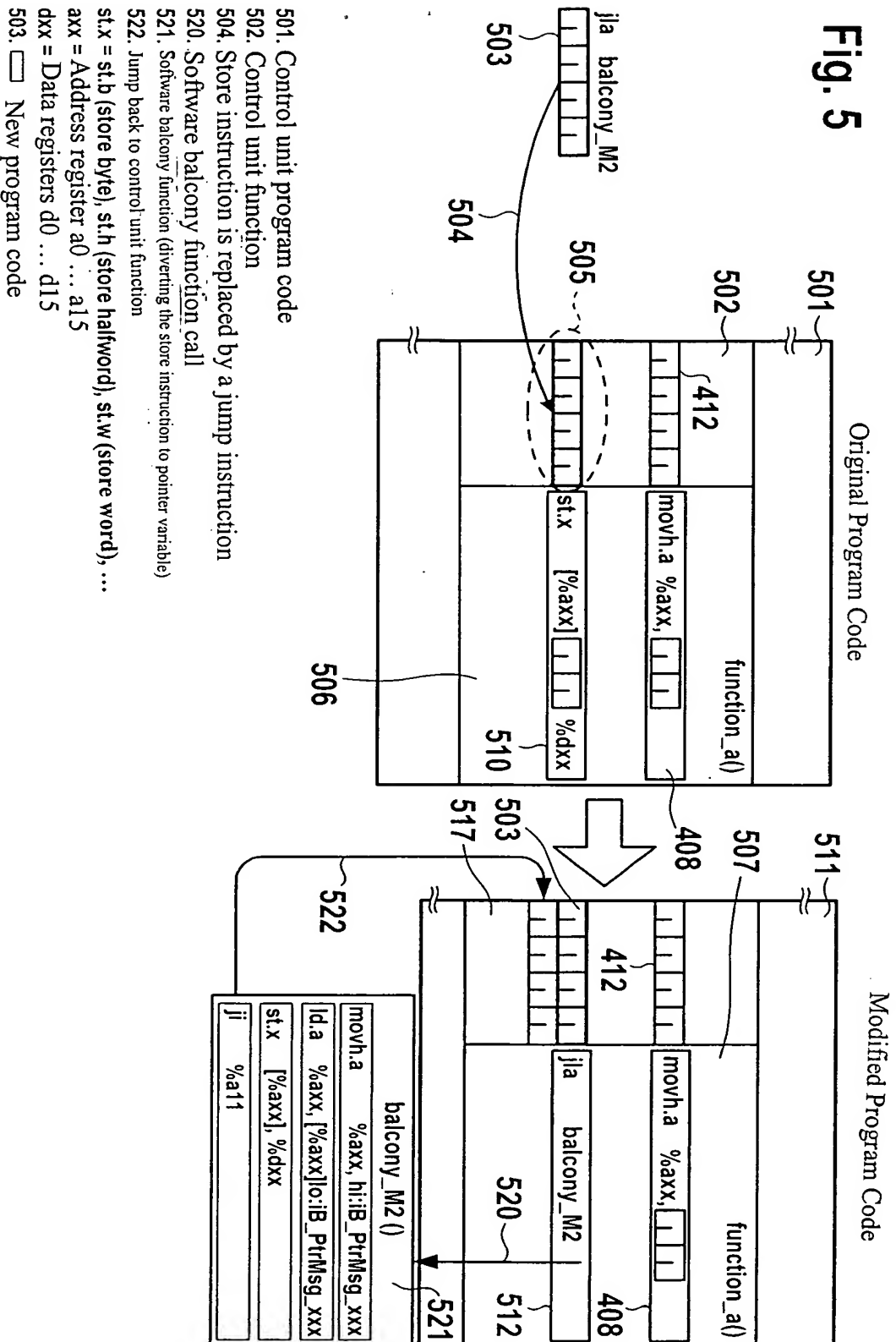


Fig. 6

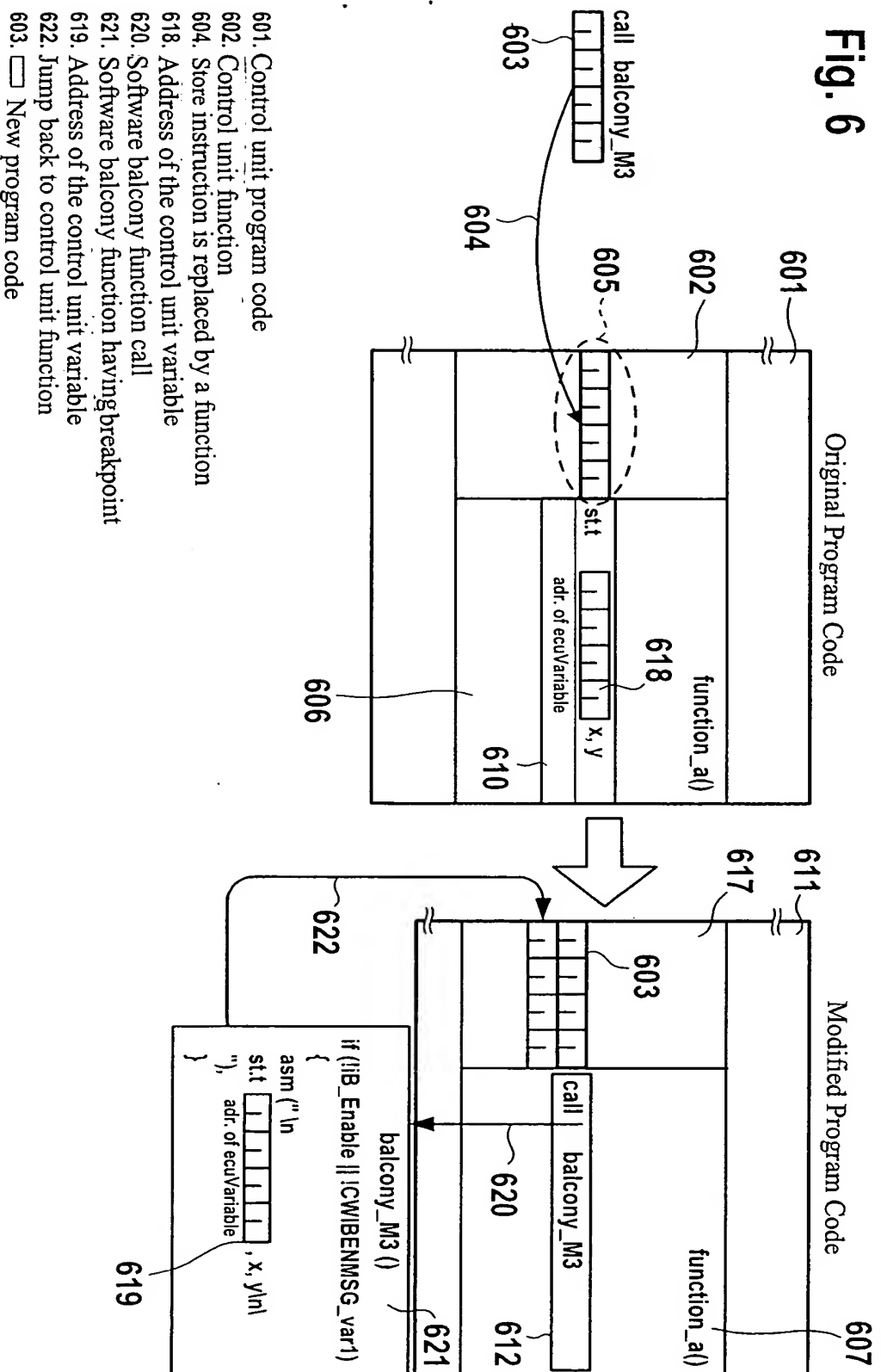


Fig. 7

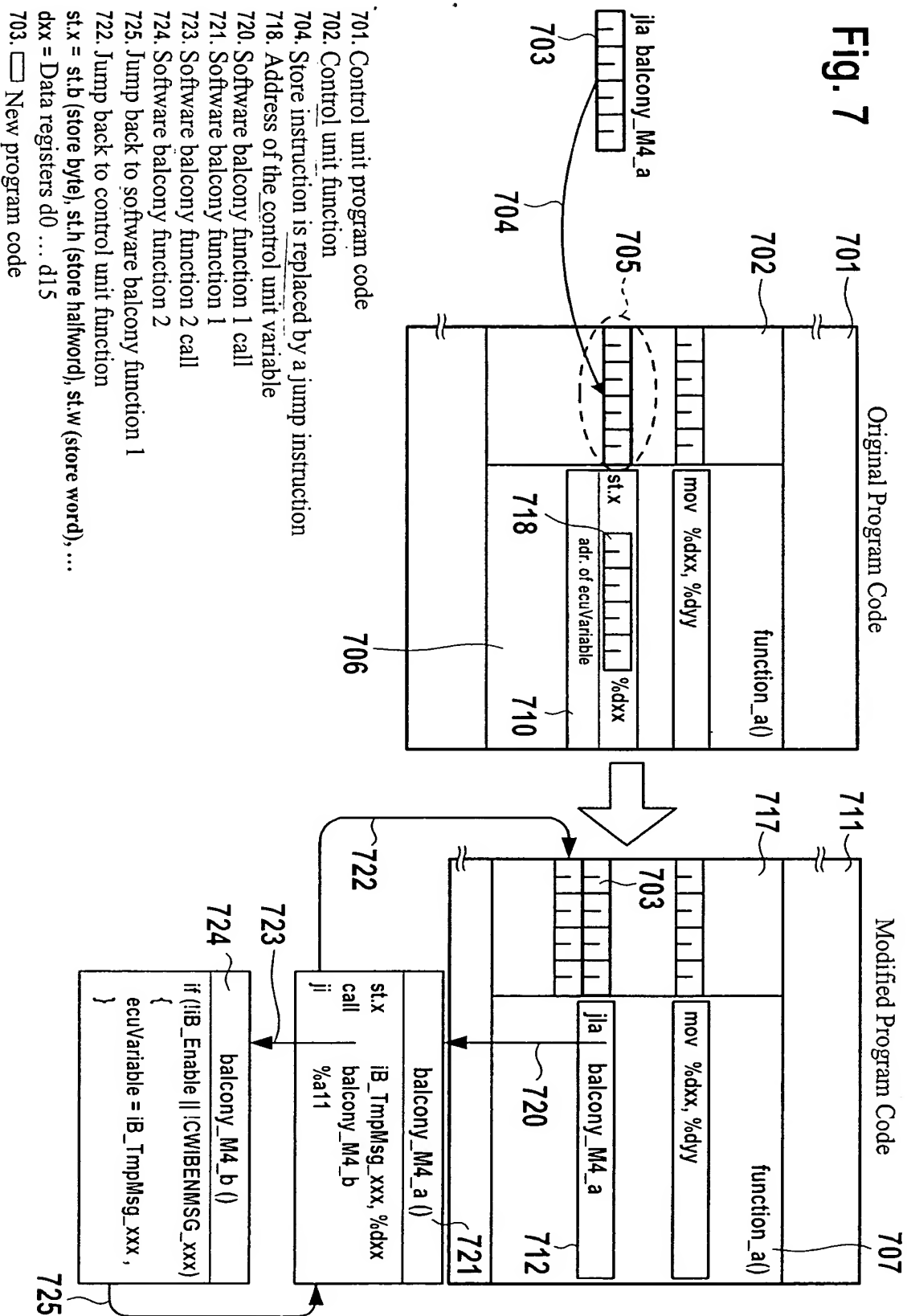
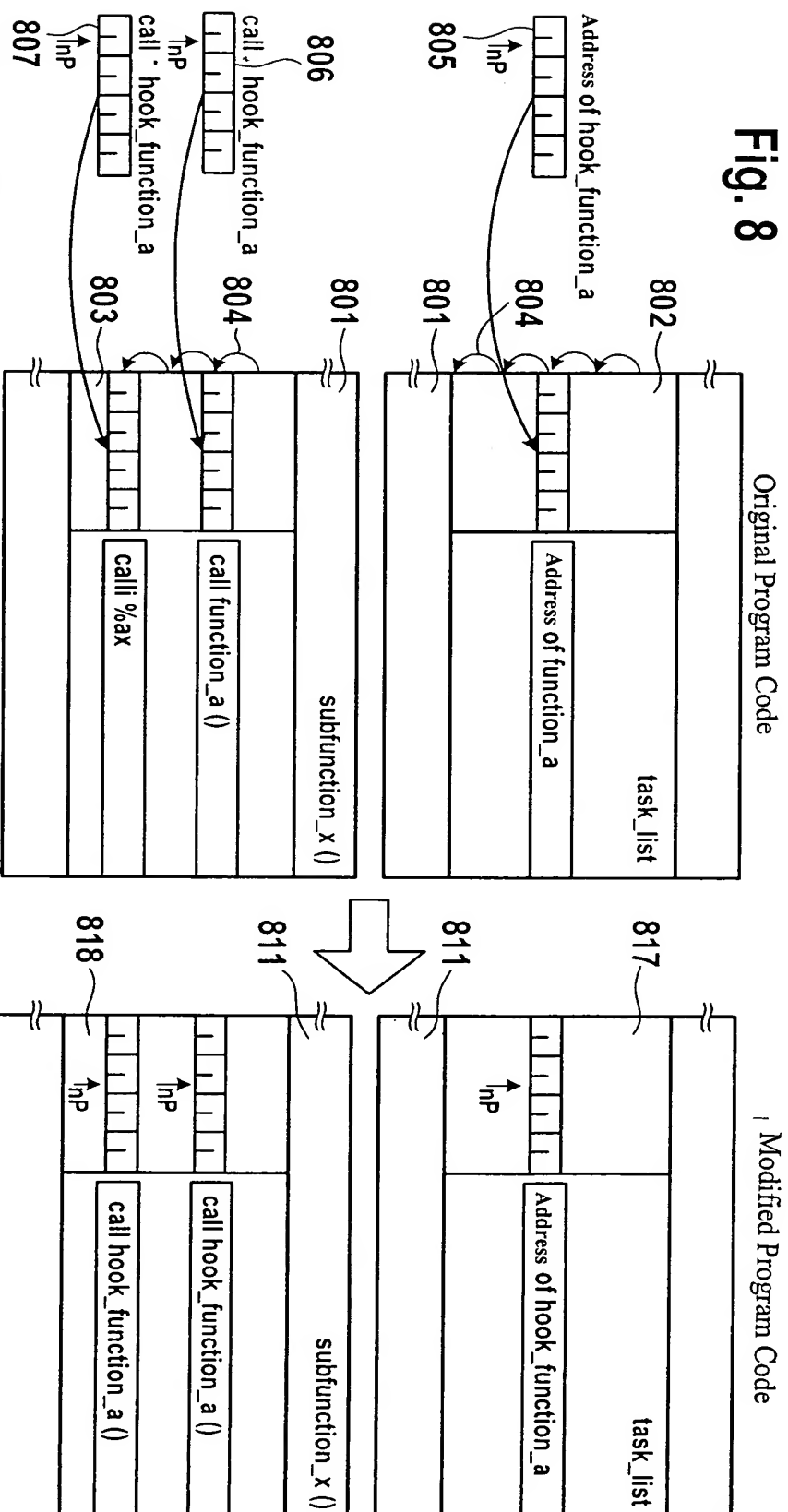


Fig. 8



- 801. Control unit program code
- 802. Task list
- 803. Subfunction
- 804. Procedure for determination of function addresses and function calls
- 805. Address of function_a is replaced by address of hook_function_a
- 806. Function call of function_a is replaced by call of hook_function_a
- 807. Indirect function call of function_a is replaced by call of hook_function_a (32-bit instruction)
- nP □ New program code

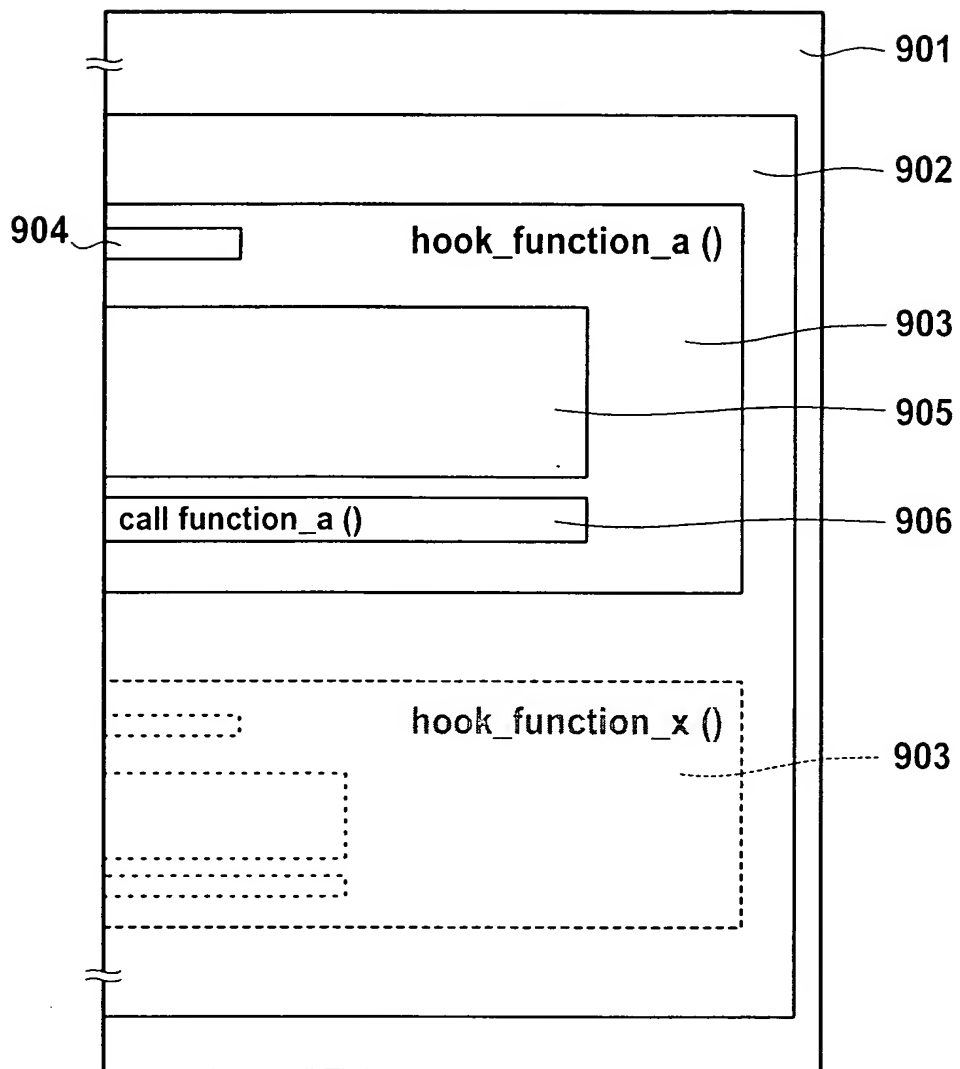


Fig. 9

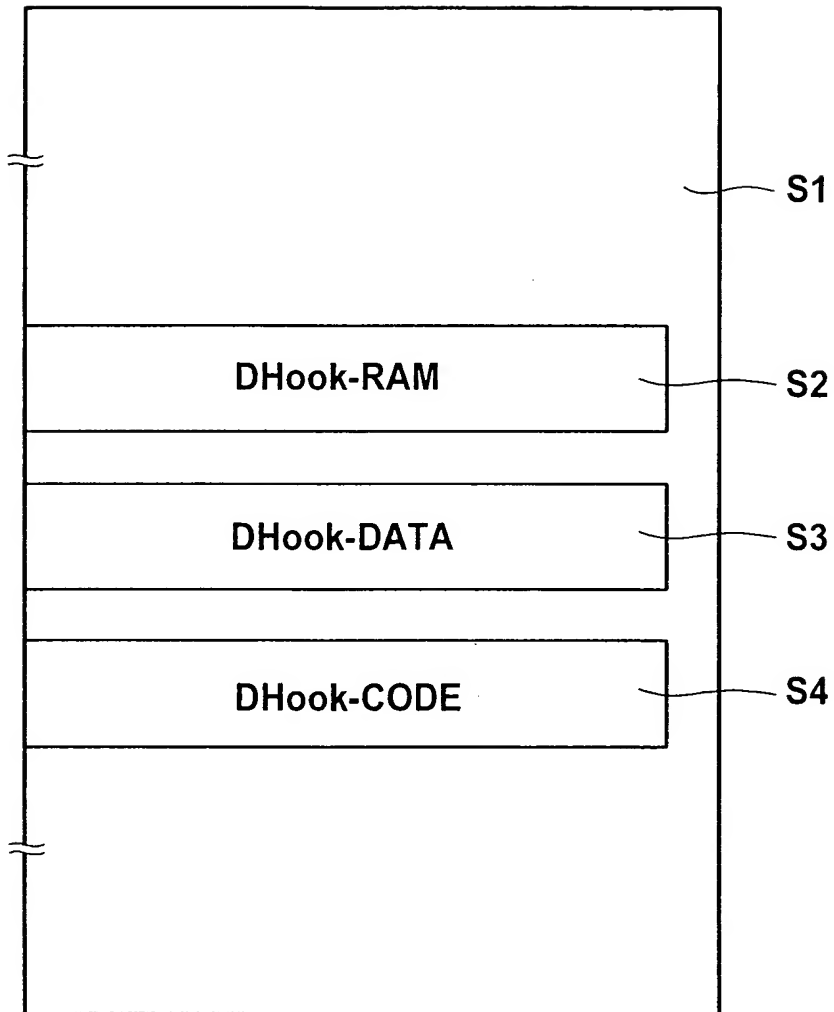


Fig. 10

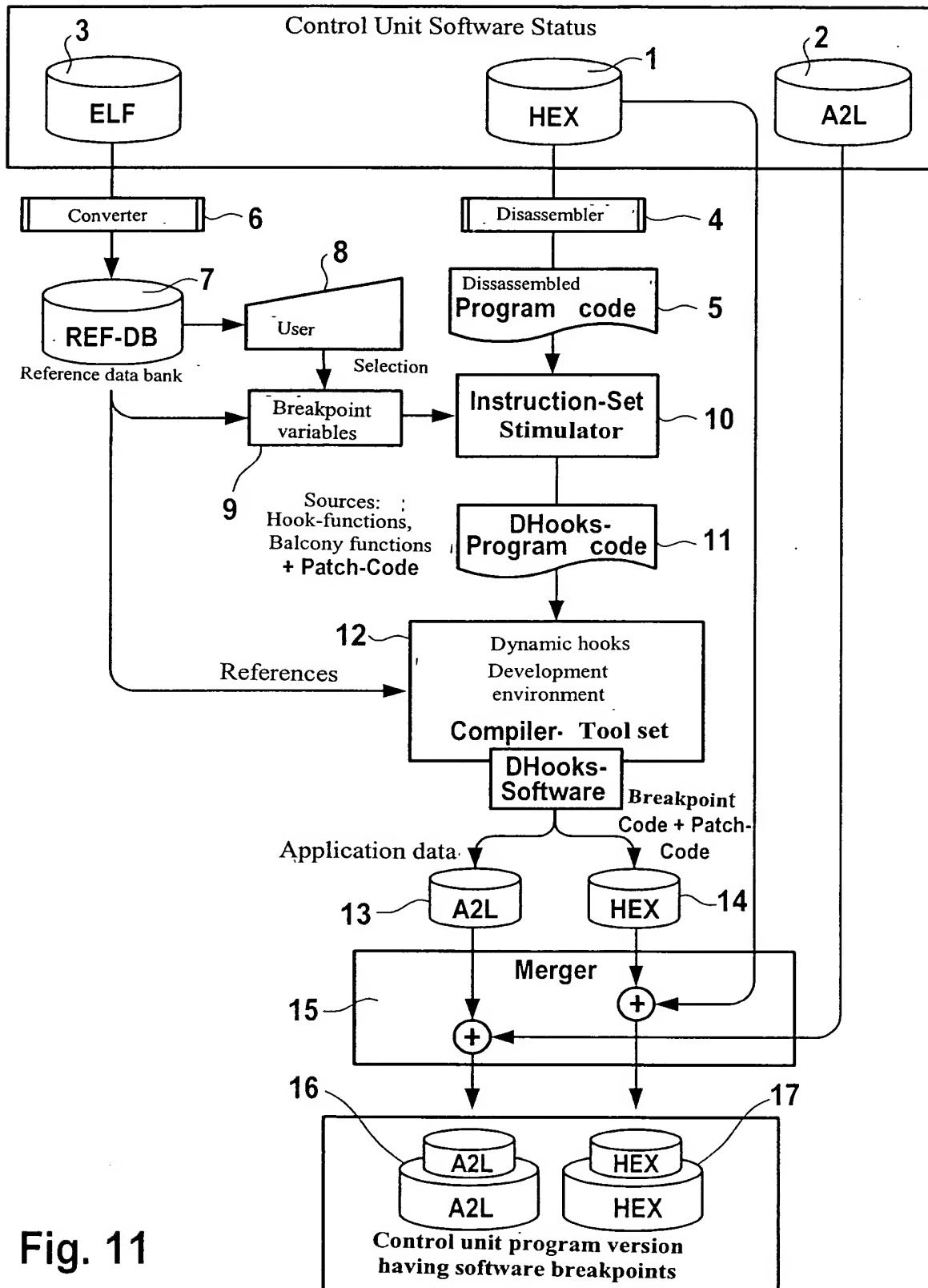


Fig. 11

Fig. 12

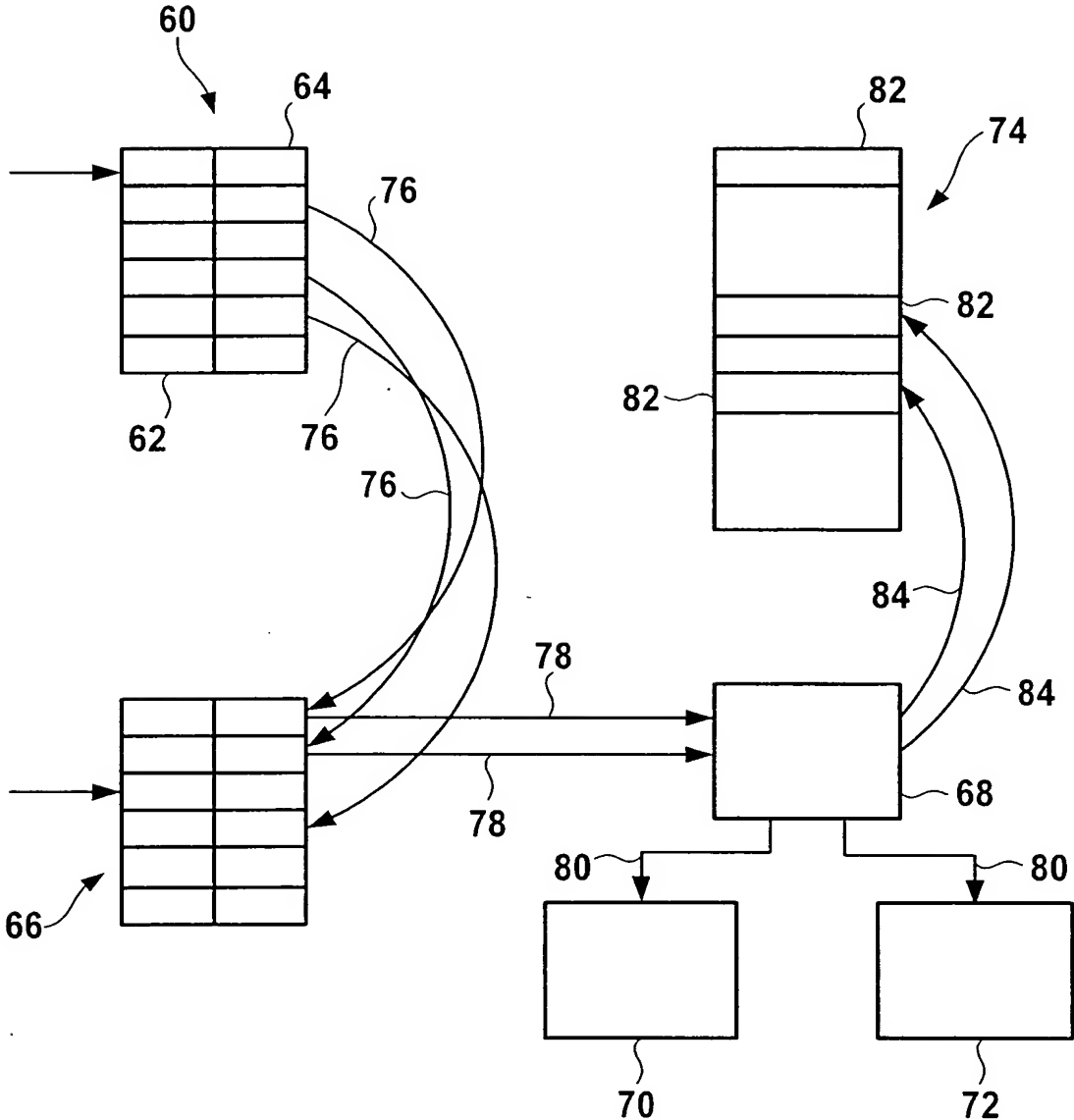
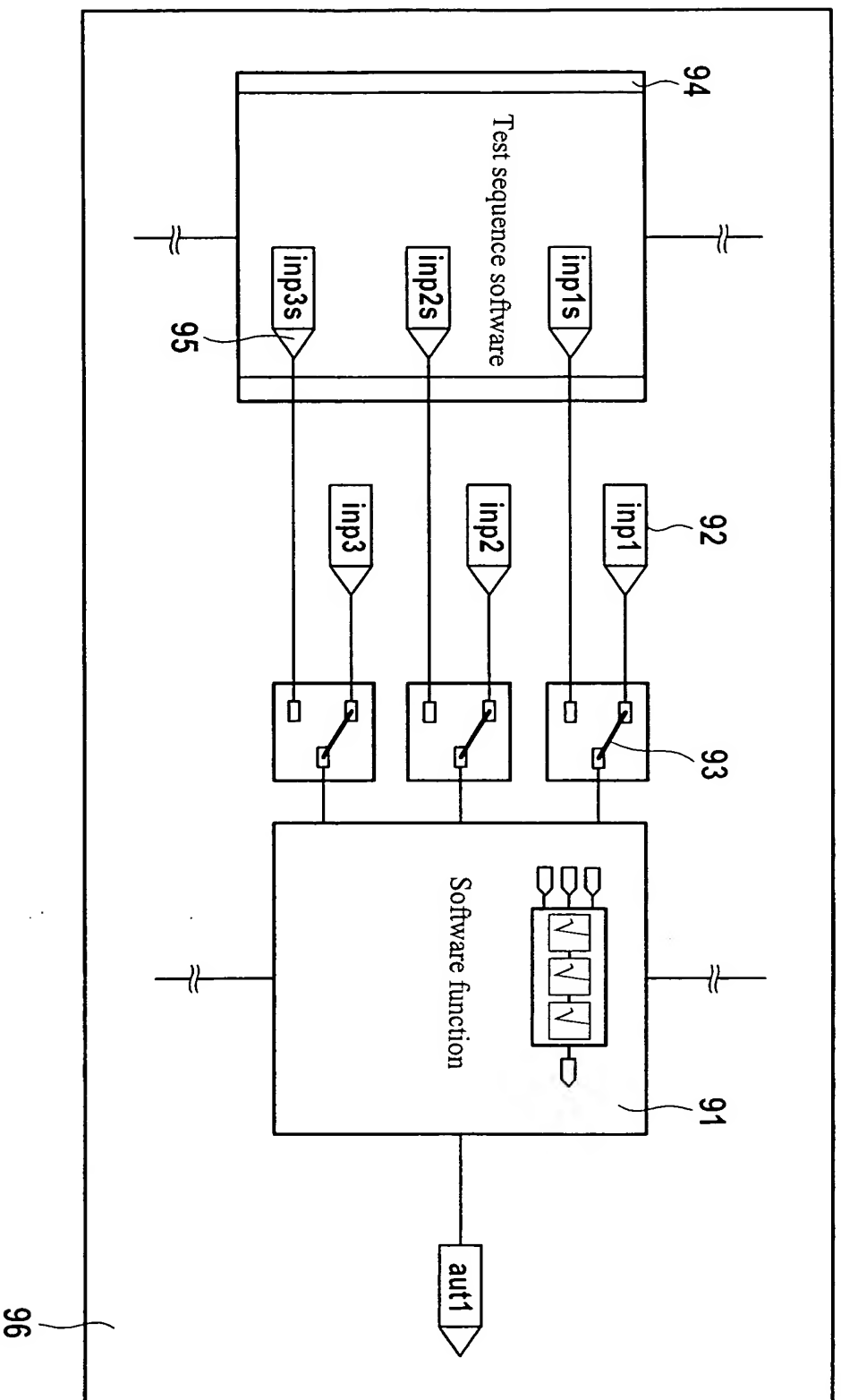


Fig. 13



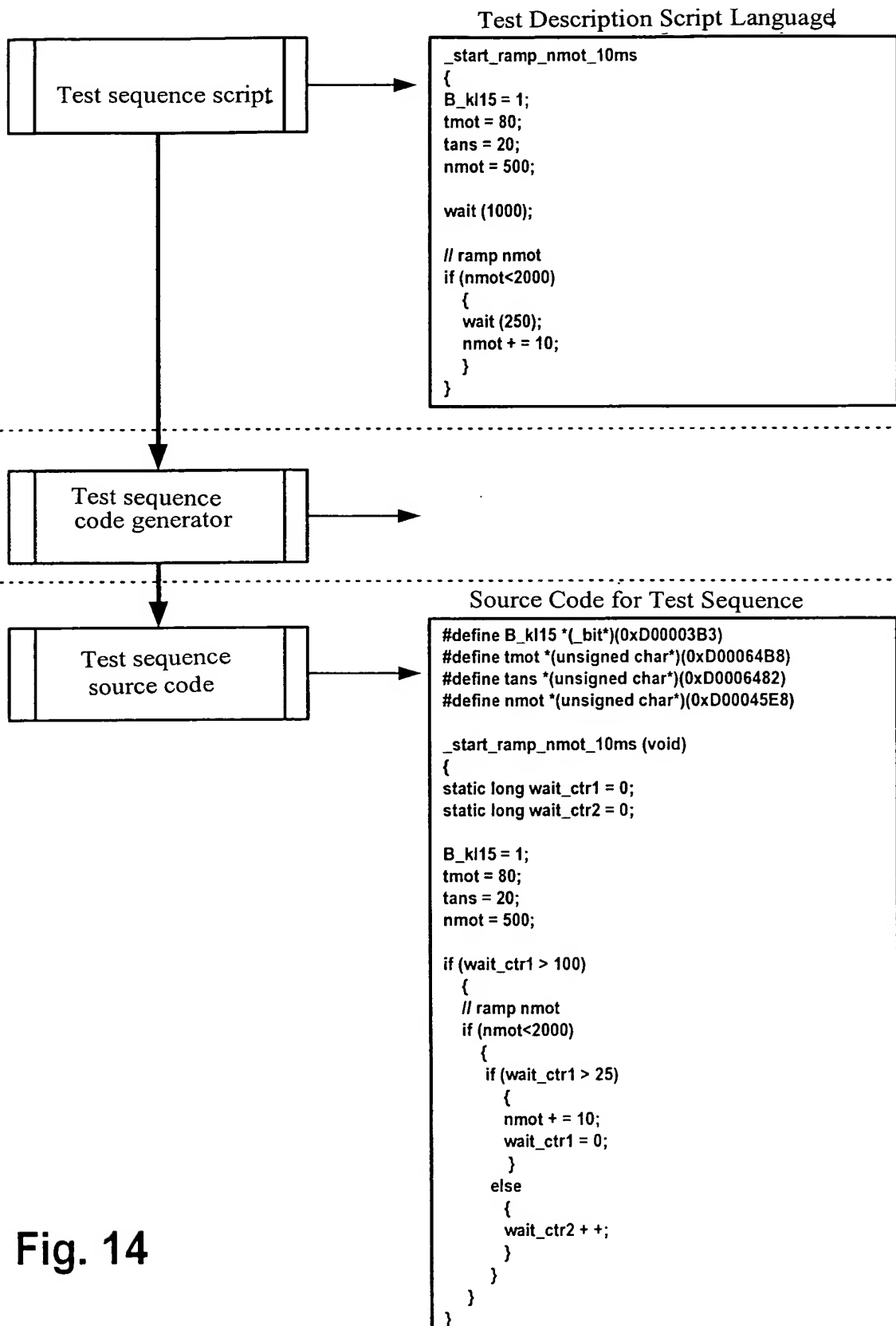


Fig. 14

Fig. 15

